

PCWPF-Advanced Treatment Project

COMMISSIONING LOOK AHEAD SCHEDULE			Rev Date 09/28/20			
Resp.	Area	Activity		Start	Duration	Finish
Advanced Treatment Building			Work	Calendar		
			Days		Days	
Ancillary						
Ludvik	Ancillary	Startup Electrical Service	20	21-Sep-20	26	16-Oct-20
BMcD	All	Burns & McDonnell Led Training	1	7-Oct-20	1	7-Oct-20
Ludvik	Ancillary	Startup Electrical Generator	5	7-Oct-20	7	13-Oct-20
Ludvik	Ancillary	Electrical Generator Training	1	8-Oct-20	1	8-Oct-20
ProCraft	Ancillary	Startup HVAC	1	19-Oct-20	1	19-Oct-20
ProCraft/ Long	Ancillary	Test HVAC	10	19-Oct-20	12	30-Oct-20
Garney	All	Disinfect System	10	19-Oct-20	12	30-Oct-20
Garney	All	Clean Yard Pipe and Valve	5	19-Oct-20	5	23-Oct-20
CRW	All	Jet & Vacuum Clean Yard Pipe	3	20-Oct-20	3	22-Oct-20
Garney	All	Set Cleanout in Raw Water Metering Vault	7	19-Oct-20	9	27-Oct-20
Goble Sampson	ATP	Watson Marlow Pumps Commissioning	2	19-Oct-20	2	20-Oct-20
ProCraft	Ancillary	HVAC Training	1	28-Oct-20	1	28-Oct-20
Garney	All	Water passing through the plant	1	2-Nov-20	1	2-Nov-20
Water Tech Group	ATP	Raw Water Blending Tank Pump Startup	1	9-Nov-20	1	9-Nov-20
Ludvik	Ancillary	Electrical System Training	1	2-Dec-20	1	2-Dec-20
Ozone System						
Pureflow	OS	Fill LOX Tank	1	12-Oct-20	1	12-Oct-20
Astro Pak	OS	Clean & Passivate O2 Piping	10	3-Oct-20	14	16-Oct-20
Pureflow	OS	Calibrate System Phase 1	5	12-Oct-20	5	16-Oct-20
Pureflow	OS	Calibrate System Phase 2	5	9-Nov-20	5	13-Nov-20
Pureflow/ AmWest	OS	Calibrate System Phase -3 I & C Checkout	3	10-Nov-20	3	12-Nov-20
Pureflow	OS	Performance Test	7	16-Nov-20	9	24-Nov-20
Pureflow/ AmWest	OS	Performance Test - SCADA Testing	2	17-Nov-20	2	18-Nov-20
Pureflow	OS	Operator Training	1	18-Nov-20	1	18-Nov-20
Solids System						
Andritz	Solids	Load Solids Tanks	10	5-Oct-20	12	16-Oct-20
CRW	Solids	Deliver Dumpster	1	12-Oct-20	1	12-Oct-20
Andritz	Solids	Update Andritz Programing	1	19-Oct-20	1	19-Oct-20
Andritz	Solids	Dry Run System	2	20-Oct-20	2	21-Oct-20
Andritz	Solids	Calibrate System	1	21-Oct-20	1	21-Oct-20
Andritz/ Velodyne	Solids	Startup Polymer System	1	21-Oct-20	1	21-Oct-20
Andritz/ AmWest	Solids	Calibrate System - I&C Checkout	1	21-Oct-20	1	21-Oct-20
Andritz	Solids	Performance Test	2	22-Oct-20	2	23-Oct-20
Andritz/ AmWest	Solids	Performance Test - SCADA Testing	2	22-Oct-20	2	23-Oct-20
Andritz	Solids	Operator Training	1	21-Oct-20	1	21-Oct-20
GAC System						

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Calgon	GAC	Load Filter Media	8	28-Oct-20	10	6-Nov-20
Calgon	GAC	Calibrate System	4	2-Nov-20	4	5-Nov-20
Calgon/ AmWest	GAC	Calibrate System - I&C Checkout	2	3-Nov-20	2	4-Nov-20
Calgon	GAC	Performance Test	1	6-Nov-20	1	6-Nov-20
Calgon / AmWest	GAC	Performance Test - SCADA Testing	1	6-Nov-20	1	6-Nov-20
Calgon	GAC	Operator Training	1	4-Nov-20	1	4-Nov-20
		UV Treatment				
Trojan	UV	UV Pre Start Up Checklist	1	9-Nov-20	1	9-Nov-20
Trojan	UV	Calibrate System	4	10-Nov-20	4	13-Nov-20
Trojan/ AmWest	UV	Calibrate System - I&C Checkout	2	11-Nov-20	2	12-Nov-20
Trojan	UV	Performance Test	1	13-Nov-20	1	13-Nov-20
Trojan/ AmWest	UV	Performance Test - SCADA Testing	1	13-Nov-20	1	13-Nov-20
Trojan	UV	Operator Training	1	11-Nov-20	1	11-Nov-20
		SCADA				
AmWest	ATB/ ETB	Server Installation & Set Up	1	6-Oct-20	1	6-Oct-20
AmWest	ATB/ ETB	Server Site Acceptance Test	1	7-Oct-20	1	7-Oct-20
AmWest	PCWPF	Shutdown Existing Plant For RIO2 Connection	1	19-Oct-20	1	19-Oct-20
AmWest	ETB	RIO2 integration to PLC2	1	19-Oct-20	1	19-Oct-20
AmWest	ATB/ ETB	System Integrator Training - Equipment / Hardware (Session 1)	2	18-Nov-20	2	19-Nov-20
AmWest	ATB/ ETB	System Integrator Training - Equipment / Hardware (Session 2)	2	2-Dec-20	2	3-Dec-20
AmWest	ATB/ ETB	Operator Training - Process Control & Reports (Initial)	2	18-Nov-20	2	19-Nov-20
AmWest	ATB/ ETB	Operator Training - Process Control & Reports (Refresher #1)	0.5	6-Jan-21	1	6-Jan-21
AmWest	ATB/ ETB	Operator Training - Process Control & Reports (Refresher #2)	0.5	8-Dec-21	1	8-Dec-21
AmWest	ATB/ ETB	Maintenance & Service Personal Training - Process Control & Reports	3	30-Nov-20	3	2-Dec-20
AmWest	ATB/ ETB	Maintenance & Service Personal Training - Process Control & Reports (Refresher)	2	1-Nov-21	2	2-Nov-21
		Milestones				
Garney	PCWPF	Shutdown Existing Plant For LAS Conversion	1	6-Oct-20	1	6-Oct-20
Garney	All	Shutdown Existing Plant To Begin ATP Startup Process	15	19-Oct-20	19	6-Nov-20
Garney	ATP	System Test (Water To Distribution)	24	30-Nov-20	32	31-Dec-20
Garney	ATP	Substantial Completion	1	31-Dec-20	1	31-Dec-20
Garney	All	Punch List	29	31-Dec-20	41	9-Feb-21
Garney	ATP	Final Completion	1	11-Feb-21	1	11-Feb-21
		Deliveries				
Garney		Glycol	1	30-Sep-20	1	30-Sep-20
CRW		LAS	1	2-Oct-20	1	2-Oct-20
CRW		Liquid Oxygen	1	12-Oct-20	1	12-Oct-20
CRW		Hydrogen Peroxide	1	2-Nov-20	1	2-Nov-20